Title (en)

METHOD FOR ACTUATING A POSITIVELY LOCKING SHIFTING UNIT

Title (de)

VERFAHREN ZUR ANSTEUERUNG EINER FORMSCHLUSSSCHALTEINHEIT

Title (fr)

PROCÉDÉ DE COMMANDE D'UNE UNITÉ DE COMMUTATION À COMPLÉMENTARITÉ DE FORMES

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Application

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Abstract (en)

[origin: WO2016177441A1] The invention relates to a method for actuating a positively locking shifting unit (15), in which method, in a closing operation, a coupling element (16) which is connected to a first coupling half (S51) and has a bevelled coupling toothing system (23) is brought into engagement with a locking element (17) which is connected to a second coupling half (S52) and has a locking toothing system (19) and with a catching element (18) which is connected to the second coupling half (S52), can be moved in the circumferential direction with respect to the locking element (17), and has a bevelled catching toothing system (20), wherein a contact point (25) is set in the closing operation of the positively locking shifting unit (15), which contact point (25) lies after a crossing (27) of a synchronous rotational speed (29) in a differential rotational speed profile (26), and to a motor vehicle drive train having a positively locking shifting unit (15).

IPC 8 full level

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